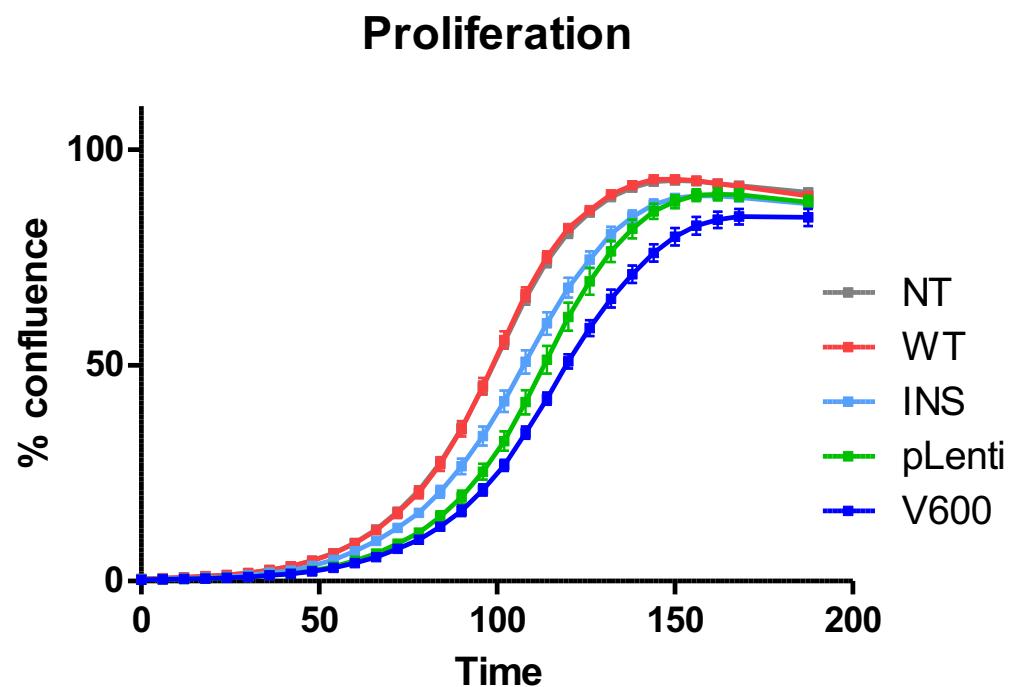


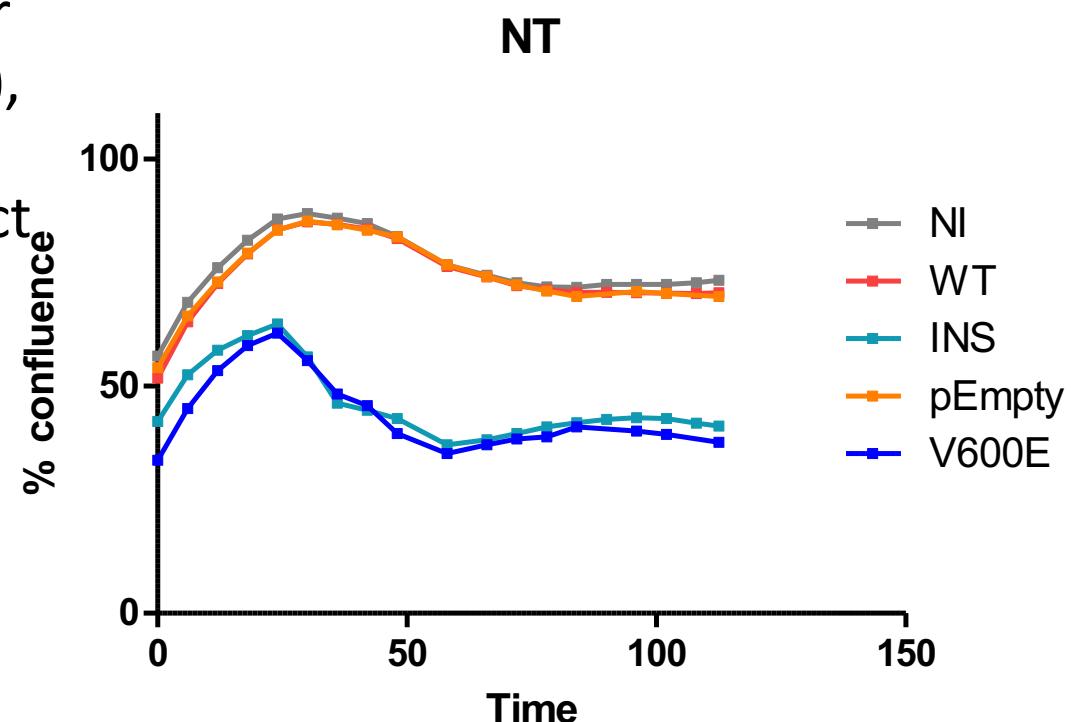
# Proliferation over 8 days

- There is no significant difference between the cell lines when seeded at low confluence.



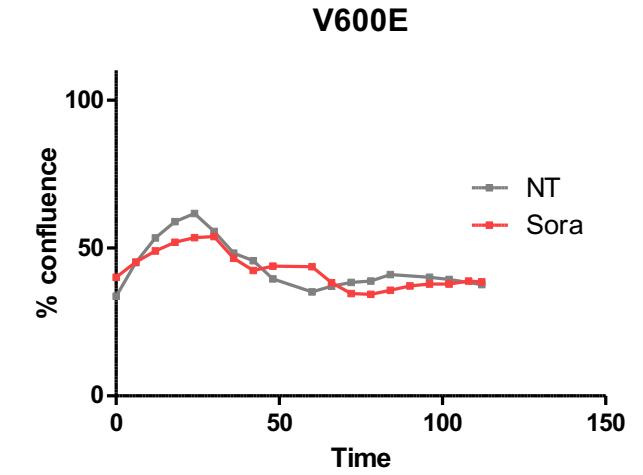
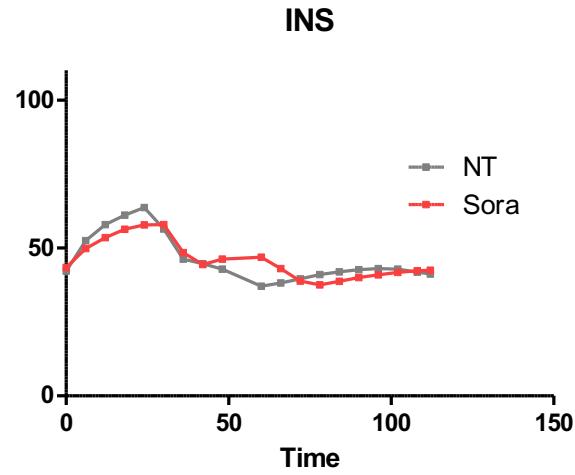
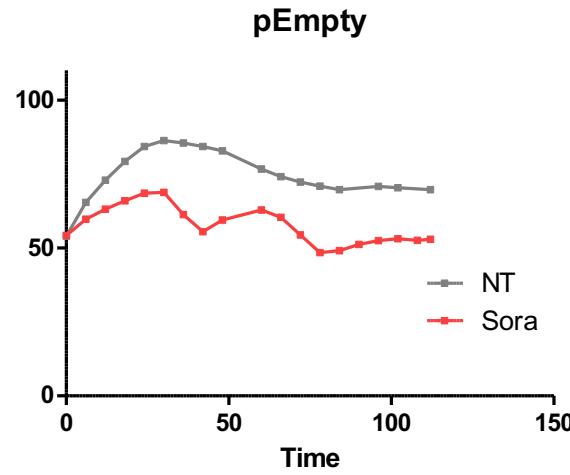
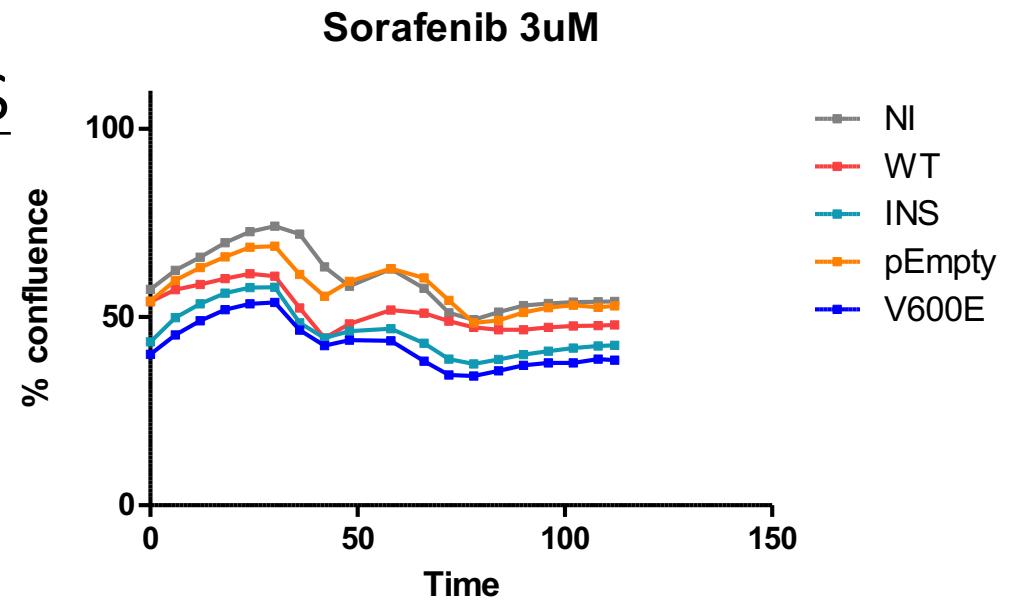
# Proliferation at high density over 4 days

- When cells are seeded at higher density (about 50% confluence), the mutant V600E and the p.V504\_R506dup show a distinct comportement. The two mutants don't reach full confluence and their decay is faster than the other cell lines.
- This difference is significative. (One-Way ANOVA + tuckey)



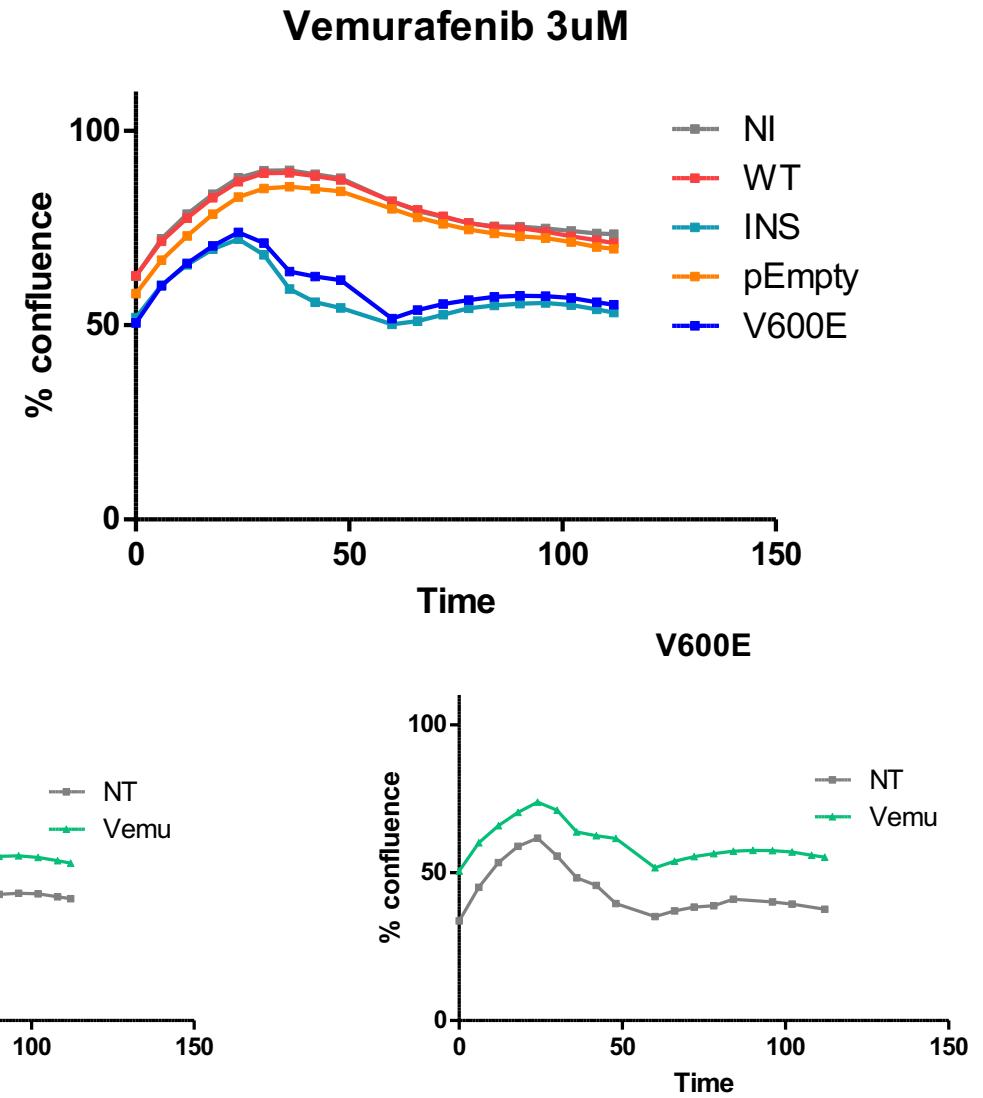
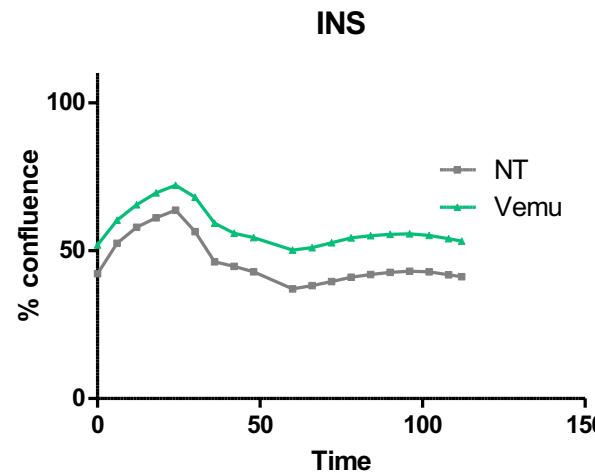
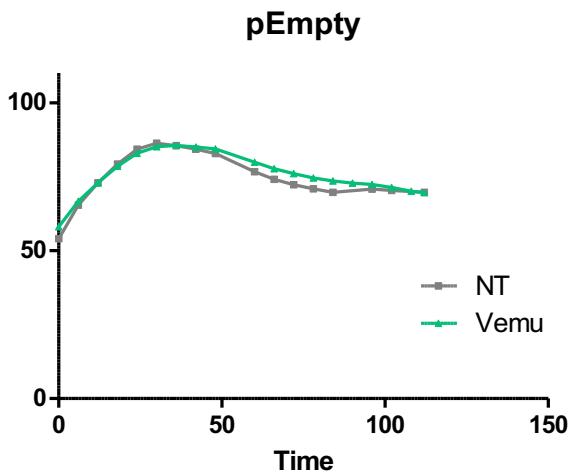
# Proliferation with drugs

- Sorafenib impacts the non-mutant cell lines and lowers their proliferation.
- As expected the mutant cell lines are less affected by it.



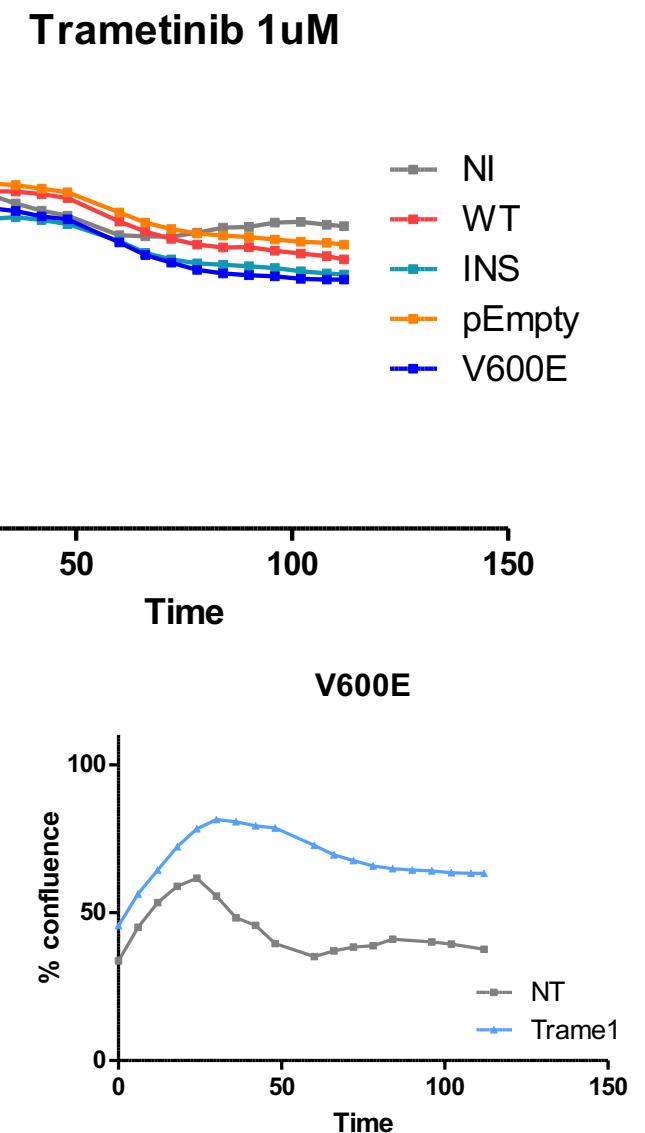
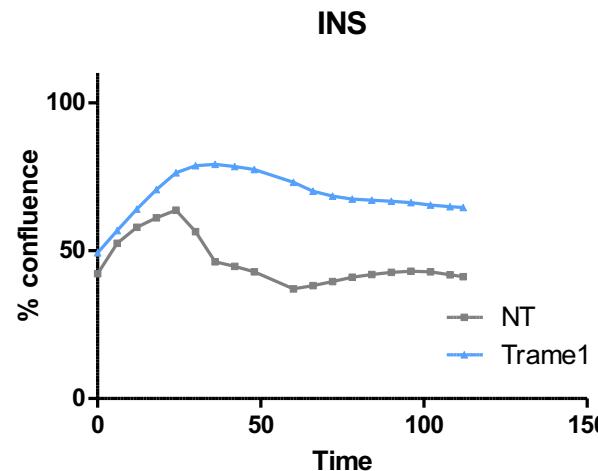
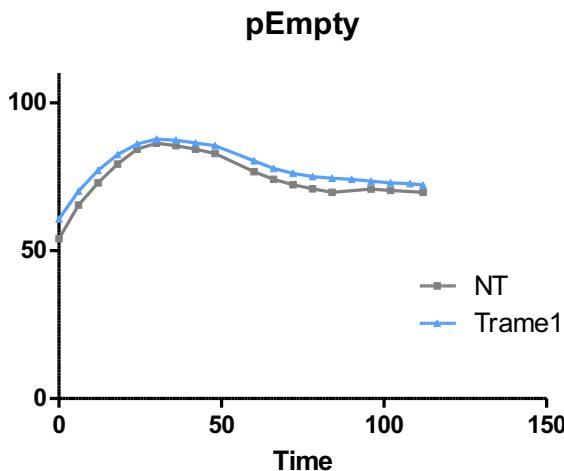
# Proliferation with drugs

- Vemu impacts the mutant cell lines.
- While it does not impact the Empty vector or the WT.



# Proliferation with drugs

- Treatment with trame 1uM or 3uM does not affect the Empty vector or WT cell lines.
- But it change the comportement of the mutant cell lines to a comportement closer to the pEmpty cell lines



# Proliferation with drugs

- With trame 3 uM all cell lines exhibit the same comportement.

